

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Cedar City Field Office
176 East DL Sargent Drive
Cedar City, Utah 84720

m/001/027
RECEIVED

JAN 02 2001

**DIVISION OF
OIL, GAS AND MINING**

In Reply Refer To:
UT-040
3809: UTU-78618

December 29, 2000

O. Jay Gatten, Consultant
Basin Perlite Company
P.O. Box 490
Milford, Utah 84751

Dear Mr. Gatten:

This letter acknowledges a notice of intent, submitted by yourself in behalf of the Basin Perlite Company, and received in this office on December 15, 2000. The notice proposes surface mining operations of perlite from one or more unpatented mining claims located on BLM-managed lands within the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 1, T. 27 S., R. 9 W., Beaver County, Utah. The project is located on the west side of the Mineral Mountains south of Negro Mag Wash on Bailey Ridge. The area to be disturbed under the notice is estimated at 4 $\frac{1}{2}$ acres.

The notice has been reviewed for compliance with regulations found at 43 CFR 3809 and possible conflicts with cultural resources, threatened or endangered (T & E) plants and animals, and land status. No conflicts were identified and the notice is in compliance with federal regulations. The notice has been accepted under BLM file number UTU-78618, the Schoo Mine Project. Please use this number in all future correspondence with this office.

Surface management regulations (43 CFR 3809) require reclamation of all disturbed public land and that reasonable measures be taken to prevent unnecessary or undue degradation of the land. The operating practices and reclamation standards attached apply to the disturbances to be made under this notice. I would recommend that the existing berm of previously bulldozed surface vegetation and topsoil located along the southern edge of the area to be disturbed, along with any surficial material stripped in advance of perlite mining, be segregated and retained for final reclamation of the mine site.

As your mine operations will extend for more than a year, please advise me of the status of your activities on the anniversary of your notice.

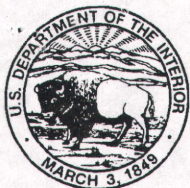
If you have any questions, feel free to call me at (435) 865-3040.

Sincerely,

Ed Ginouves
Mining Engineer

0001

xc: Tom Munson, DOGM - with copy of notice UTU-78618, CCFO SOP's and RS



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Cedar City Field Office

176 East DL Sargent Drive
Cedar City, Utah 84720
Telephone (435) 586-2401
FAX (435) 865-3058

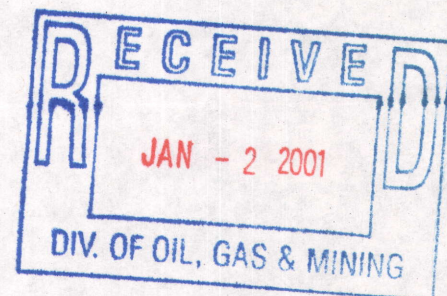
December 15, 2000

Memorandum

To: Cultural Resources Minerals Riparian
T & E Plants Wild Horses Flood Plain
T & E Animals and Wildlife Range Water Rights
VRM Soils Other

From: Ed Ginouves, Cedar City Field Office

Subject: **Site Examination Request**



Case Name: Schoo Mine (new notice)
Case Number: UTU-78618
Operator: Basin Perlite Company
Claims: UMC 47397-47405; 47410-47420

Type: 43 CFR 3809, surface mining operations

Date Received: December 15, 2000
Date Needed: 15 calender days or less

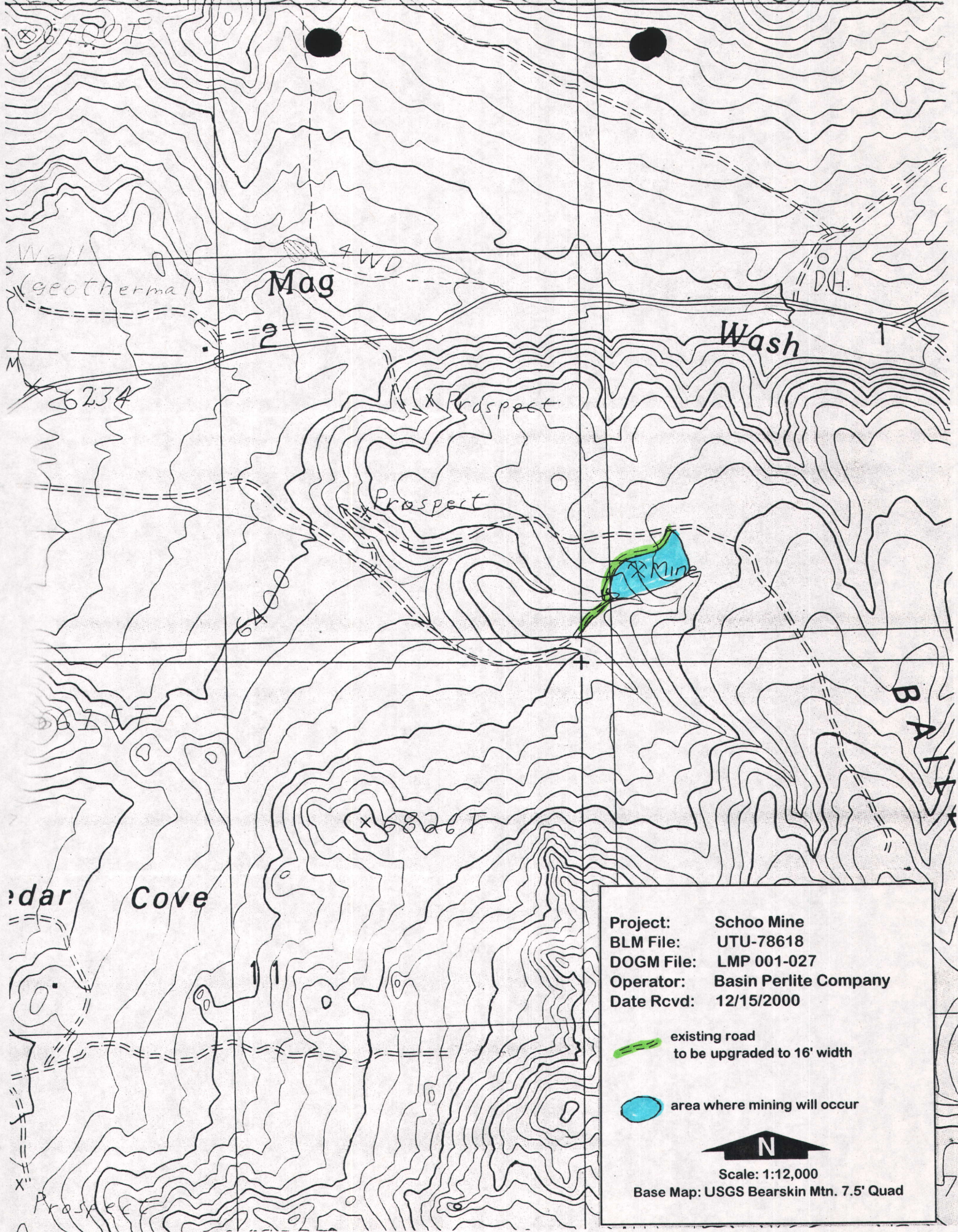
Legal Description: T. 27 S., R. 9 W., portions of SW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 1

Location Info: Beaver County, Utah; on the west side of the Mineral Mountains just south of Negro Mag Wash
BLM 1:100,000 Beaver land status quadrangle;
USGS 7.5' Bearskin Mtn. quadrangle;
See attached project maps.


Proposed Action: Operator is proposing surface mining operations of perlite from a previously disturbed area in and adjacent to the old Schoo Mine site. Mining operations will totally disturb the outlined area and could occur at any time of year. The perlite will be mined using a bulldozer with a ripper, crushed and screened to minus 1" material on site and hauled using belly dump trucks to the operators processing plant in Milford. The existing access road to the area, where it leaves the County-maintained Negro Wash Road, will also be widened to 16' width and improved to serve as a haulage road.


The operator is also proposing expanding the existing large mining operation on adjacent State of Utah lands in section 2, and the entire operation will be covered by a DOGM large mine permit and bonded for reclamation. This will be good deal for the BLM lands as we will get a pre-law disturbed area (the Schoo Mine area) reclaimed after mining has ceased.

Acreage Disturbed: About 4.5 acres on BLM land.



Project: Schoo Mine
BLM File: UTU-78618
DOGM File: LMP 001-027
Operator: Basin Perlite Company
Date Rcvd: 12/15/2000

 existing road
to be upgraded to 16' width

 area where mining will occur



Scale: 1:12,000
Base Map: USGS Bearskin Mtn. 7.5' Quad

RECLAMATION STANDARDS
for

Exploration/Mining Activities in the Beaver River Resource Area, Cedar City Field Office

1. At the earliest feasible time, the operator will reclaim the area disturbed, except to the extent necessary to preserve evidence of mineralization and roads needed for continuing mineral exploration. Reclamation will include reasonable measures to prevent or control onsite and offsite damage of public lands.
2. Reclamation will include but not be limited to:
 - a. Saving topsoil (top 3 to 6 inches) for final application after reshaping of disturbed areas.
 - b. Controlling erosion, landslides, and water runoff.
 - c. Isolating, removing, or controlling toxic materials.
 - d. Reshaping disturbed areas, applying topsoil, and re-vegetating where reasonably practicable.
 - e. Controlling noxious weeds invading the site.
 - f. Rehabilitating fisheries and wildlife habitat.
3. Access roads, unless otherwise approved by the authorized officer, will be closed by reshaping the disturbed area to near original contours, scarifying where compaction prevents seed covering, and re-vegetating with the mixture specified below. Water bars will be placed on steep inclines and access blocked to future vehicular traffic.
4. Unless otherwise approved in the acceptance of the notice, all high walls or material piles will be re-contoured to slopes not steeper than 3:1 and re-vegetated using the recommended mixture.
5. Authorized pits with high walls in excess of 4 feet will be fenced or barricaded to protect unsuspecting public land users from injury. All shafts and adits will be covered or blocked to prevent unauthorized or accidental entry.
6. Seeding of disturbed areas will be done between September 30 and December 15. Seed should not be placed on top of deep snow. Seed beds will be prepared to a depth of 6 inches by ripping, discing, or harrowing. Seed will be planted with a rangeland or farm drill or broadcast seeded. If broadcast seeded, the seed will be harrowed or raked $\frac{1}{4}$ to $\frac{1}{2}$ inch into the soil. The seed amount described below will be doubled if the area is broadcast seeded. The recommended seed mixture (grain) to be used on all disturbed areas if applied by a drill includes:

Blue-bunch wheatgrass	2 lb / acre
Indian ricegrass (var. Nezpar)	1 lb / acre
Smooth brome grass	1 lb / acre
Pubescent wheatgrass	1 lb / acre
Small Burnet	1 lb / acre
Fourwing saltbush	$\frac{1}{2}$ lb / acre
Bitterbrush	$\frac{1}{2}$ lb / acre
Lewis Flax	$\frac{1}{2}$ lb / acre
Palmer Penstemon	$\frac{1}{2}$ lb / acre
7. All hazardous tailing dumps, materials or substances produced by the operation will be disposed of in accordance with applicable federal and state laws. All waste, debris, buildings, and materials will be removed from the site and deposited at appropriate waste facilities.
8. All dry drill holes will be plugged with uncontaminated native material to a depth of 5 feet. The top 5 feet will be plugged with cement. Drill holes which encounter water will also be cemented from at least 50 feet below to 50 feet above the saturated zone. The location, depth, and relative flow rate of any subsurface water encountered will be reported to the authorized officer.
9. Additional reclamation requirements may be needed on a case-by-case basis. These additional requirements will be issued by the authorized officer after consultation with the operator.
10. The authorized officer will be notified within 10 days of final reclamation.

STANDARD OPERATING PROCEDURES
for
Exploration/Mining Activities in the Beaver River Resource Area, Cedar City Field Office

1. Existing road access will be used whenever possible. Access will be planned for the minimum width needed for operations and will not exceed 16 feet in width. Roads will follow natural contours where practicable to minimize the need for cut and fill. The cuts from construction or improvement of access will be less than 3 feet on the inside edge. The authorized officer will be notified of any exceptions before construction begins.
2. Disturbance of existing vegetation will be held to the minimum necessary for the operation. Large vegetation such as pinion and juniper trees will be avoided whenever possible.
3. If cultural resources are encountered, including all historic or prehistoric artifacts or structures, the operator will immediately suspend operations and report the findings to the BLM area or district office. It is the responsibility of the operator to ensure there is no removal or destruction of historic and prehistoric remains on public lands.
4. If an endangered species is encountered, the operator will avoid the species and immediately inform the BLM area office. Wild horses, wildlife and livestock will not be harassed.
5. All sites will be kept in a safe, clean, and environmentally stable condition. Any hazardous materials used in the operation must be pre-approved by BLM personnel and kept in approved safe containers. The BLM area or district office will be immediately notified of any spills or accidents involving hazardous materials.
6. Water from stock-water reservoirs, springs, and wells will not be used for operations unless prior approval has been granted by the individual or agency responsible for the water rights of the source.
7. All official survey monuments, witness corners, reference monuments, bearing trees, etc., will be protected against destruction, obliteration or damage. Current mining claim markers will also be protected. When mining or exploration activities are concluded, the operator will remove all operation survey markers, stakes, flagging, etc., which are not needed for ongoing activities.
8. Wet roads should be avoided when ruts of two inches or deeper will result from road use. The operator will be responsible for reconditioning public roads used under these conditions.